

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

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Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) December 2001
(through week 52 ending December 29, 2001)

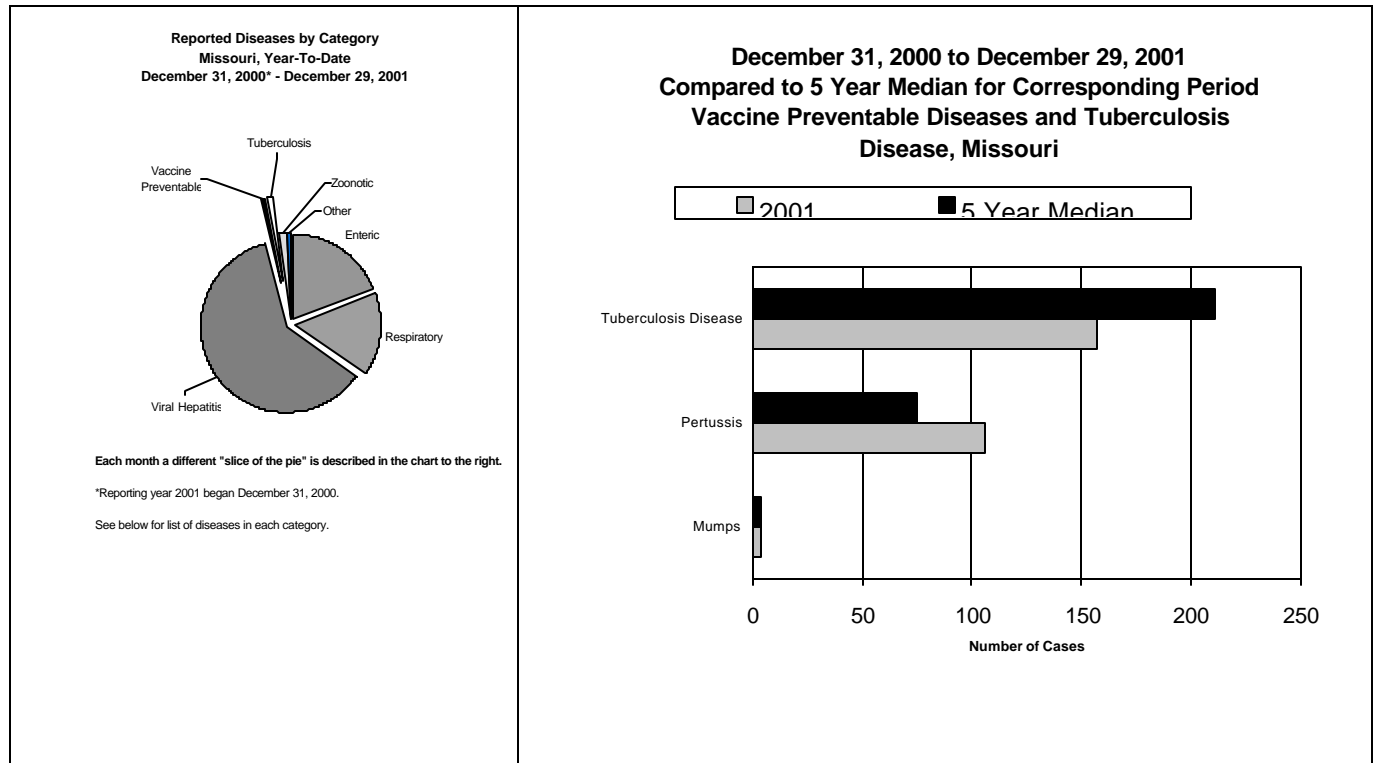
DATE: January 29, 2002

The Office of Surveillance and the Section of Communicable Disease Control and Veterinary Public Health publish a monthly update on selected reported communicable diseases. This information may also be found on the Missouri Department of Health and Senior Services homepage at www.dhss.state.mo.us under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The after hours emergency number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

Monthly Communicable Disease Update, December, 2001 (Provisional Data)



Reported Cases of Selected Diseases by Category

	2001 Dec	2001 YTD	2000 YTD	5 Year YTD	% Change 5 Year Median	Number of Cases, December 2001 by Health District						
						CD	ED	NE	NW	SE	SW	Uak
Enteric Diseases												
Campylobacteriosis	23	609	693	569	+	7.03%	4	8	0	2	1	8
Cryptosporidiosis	5	54	31	31	+	74.19%	0	2	0	0	0	3
E. coli O157:H7 #	4	62	111	58	+	6.90%	1	1	0	0	0	2
Giardiasis	23	700	839	800	-	12.50%	2	15	2	2	0	2
Listeria monocytogenes	0	10	5	9	+	11.11%	0	0	0	0	0	0
Salmonellosis	35	632	713	632	-	0.00%	10	17	1	2	0	5
Shigellosis	9	310	671	387	-	19.90%	0	7	0	2	0	0
Yersinia enterocolitica	3	17	19	16	+	6.25%	0	3	0	0	0	0
Respiratory												
Influenza (Lab Confirmed)	21	1931	2474	1089	+	77.32%	2	9	0	7	3	0
Legionellosis	1	24	26	22	+	9.09%	0	0	0	1	0	0
Viral Hepatitis												
Hepatitis A	0	108	149	712	-	84.83%	0	0	0	0	0	0
Hepatitis B	7	112	149	252	-	55.56%	1	3	0	0	1	2
Hepatitis C (Acute)*	1	7	37	na	na	na	0	1	0	0	0	0
Hepatitis C (Other)*	508	7459	4847	na	na	na	40	168	11	138	52	75
Vaccine Preventable												
Mumps	2	4	5	4	-	0.00%	0	0	0	1	0	1
Pertussis	11	106	97	75	+	41.33%	1	5	0	0	4	1
Tuberculosis												
Tuberculosis Disease	27	157	211	211	-	25.59%	3	12	0	4	1	7
Zoonotic												
Ehrlichiosis	0	29	67	32	-	9.38%	0	0	0	0	0	0
Lyme Disease	2	28	47	47	-	40.43%	0	0	0	2	0	0
Rocky Mtn Spotted Fever	0	69	41	19	+	263.16%	0	0	0	0	0	0
Tularemia	0	22	28	18	+	22.22%	0	0	0	0	0	0
Other												
HIB Disease	1	17	23	12	+	41.67%	0	0	0	1	0	0
Malaria	1	14	21	15	-	6.67%	0	0	0	0	0	1
Meningococcal Disease	5	55	67	94	-	41.49%	0	2	0	0	0	3

*Hepatitis C became reportable in 1997: it was previously included in Hepatitis Non A, Non B.

Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

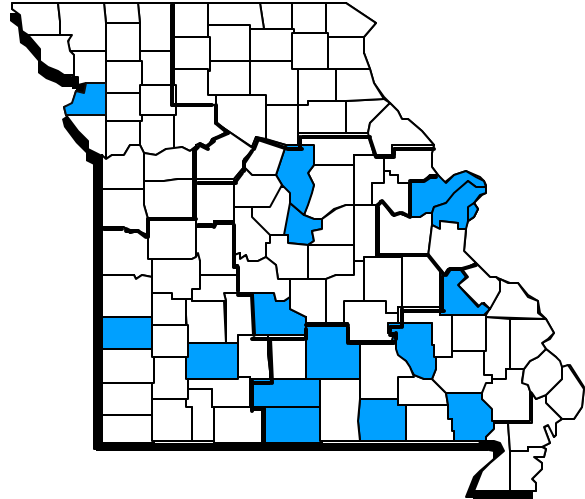
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Monthly Communicable Disease Update, December, 2001 (Provisional Data)

Confirmed Rabies in Animals

Species	December		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	27	0	646	1
Cat	41	0	716	1
Bat	7	0	883	31
Skunk	0	0	47	5
Fox	1	0	21	1
Cow	0	0	30	0
Horse	1	0	8	1
Ferret	0	0	13	0
Raccoon	6	0	200	0
Rodent/Rabbit	9	0	168	0
Other Domestic	0	0	5	0
Other Wild	5	0	43	0
Exotic	0	0	1	0
Unknown	0	0	1	0
Total	97	0	2782	40

Confirmed Animal Rabies in Missouri
By Health District
December 31, 2000 - December 29, 2001



Correction: During July, a positive bat was reported in Dallas County. It has been determined that the exposure occurred in Laclede County.

Counties Under Rabies Alert: None

Active Surveillance System

Local health agencies have established surveillance sites that report clinical syndromes and demographic information. This system is intended to rapidly assess changes in the community's health.

The Department of Health and Senior Services has developed an enhanced surveillance system to detect and initiate timely response to biological, chemical or radiological terrorism events. Recent implementation of the High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS). Future inclusion of HASS data in this analysis is under consideration.

2000 Census Population by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
721,996	1,940,293	256,339	1,311,453	551,105	814,025